

EXPERIMENT-1

Roll no : 224G1A0552

Name : S.Manjunath reddy

```
SQL> create table student(  
2  sid NUMBER,  
3  sname VARCHAR2(20),  
4  sage NUMBER,  
5  saddress VARCHAR2(20)  
6  );
```

Table created.

```
SQL> desc student
```

| Name | Null? | Type |
|----------|-------|--------------|
| SID | | NUMBER |
| SNAME | | VARCHAR2(20) |
| SAGE | | NUMBER |
| SADDRESS | | VARCHAR2(20) |

```
SQL> select * from student;
```

no rows selected

```
SQL> ALTER TABLE student ADD sphone NUMBER;
```

Table altered.

```
SQL> DESC STUDENT
```

| Name | Null? | Type |
|----------|-------|--------------|
| SID | | NUMBER |
| SNAME | | VARCHAR2(20) |
| SAGE | | NUMBER |
| SADDRESS | | VARCHAR2(20) |
| SPHONE | | NUMBER |

```
SQL> ALTER TABLE student DROP COLUMN sphone;
```

Table altered.

```
SQL> desc student
```

| Name | Null? | Type |
|----------|-------|--------------|
| SID | | NUMBER |
| SNAME | | VARCHAR2(20) |
| SAGE | | NUMBER |
| SADDRESS | | VARCHAR2(20) |

```
SQL> ALTER TABLE student modify sid VARCHAR2(20);
```

Table altered.

```
SQL> desc student
```

| Name | Null? | Type |
|----------|-------|--------------|
| SID | | VARCHAR2(20) |
| SNAME | | VARCHAR2(20) |
| SAGE | | NUMBER |
| SADDRESS | | VARCHAR2(20) |

```
SQL> ALTER TABLE student RENAME COLUMN sid to rollno;
```

Table altered.

```
SQL> desc student
```

| Name | Null? | Type |
|----------|-------|--------------|
| ROLLNO | | VARCHAR2(20) |
| SNAME | | VARCHAR2(20) |
| SAGE | | NUMBER |
| SADDRESS | | VARCHAR2(20) |

```
SQL> ALTER TABLE student RENAME to students;
```

Table altered.

```
SQL> desc students
```

| Name | Null? | Type |
|----------|-------|--------------|
| ROLLNO | | VARCHAR2(20) |
| SNAME | | VARCHAR2(20) |
| SAGE | | NUMBER |
| SADDRESS | | VARCHAR2(20) |

```
SQL> ALTER TABLE students ADD PRIMARY KEY(rollno);
```

Table altered.

```
SQL> desc students
```

| Name | Null? | Type |
|----------|----------|--------------|
| ROLLNO | NOT NULL | VARCHAR2(20) |
| SNAME | | VARCHAR2(20) |
| SAGE | | NUMBER |
| SADDRESS | | VARCHAR2(20) |

```
SQL> create table std(  
2  sid NUMBER,  
3  sname VARCHAR2(10),  
4  AGE INT  
5  );
```

Table created.

```
SQL> DROP TABLE STD;
```

Table dropped.

```
SQL> truncate table students;
```

Table truncated.

```
SQL> select * from students;
```

no rows selected